

IN THE SPECIFICATION

Please amend the paragraph at page 20, line 16, through page 21, line 4, as follows:

--In step S1207 in Fig. 10, the file output device 3 forms a file to be stored in or transferred by the storage/transfer device 4 on the basis of the code sequence input from the encoding device 2 and additional data input from the image input device 1. At this time, the additional data input from the image input device 1 includes the name of the patient to be sensed, image sensing ~~date~~ data, X-ray dosage upon image sensing, and the like. Fig. 6 shows an example of a file formed by combining the additional data and code sequence. The file output device 3 outputs the file with the format shown in Fig. 6 to the storage/transfer device 4. In step S1208, the storage/transfer device 4 stores the input file or outputs it to an external apparatus via, e.g., a network in accordance with a purpose intended.

Please amend the paragraph at page 21, lines 8-19, as follows:

In step S1301, the file stored by the storage/transfer device 4 is read by the file input device 5 (Fig. 1). In step S1302, the file input device 5 analyzes the input file and separates the file into data (the name of the patient to be sensed, image sensing ~~date~~ data, and X-ray dosage upon image sensing) appended by the file output device 3, and the code sequence generated by the encoding device 2. The code sequence is outputted to the decoding device 6 to undergo a decoding process, and the X-ray dosage data in the data appended by the file output device 3 is also output to the decoding device 6.--